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TITLE: POLARIZING PLATE

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ABSTRACT:

PURPOSE: To improve adhesiveness and to improve moisture resistance and heat resistance by coating an aq. soln. or adhesive agent of a hydrophilic high polymer on the surface of a polarizing film and drying the coating to solidify the same then adhering a protective film via an adhesive agent thereto.

CONSTITUTION: The aq. soln. or adhesive agent of the hydrophilic high polymer is thinly and uniformly coated on the surface of the polarizing film and is then dried to solidify to fix the iodine and

dichromatic dye on the surface layer; thereafter the protective film is adhered thereto via the adhesive agent. The polarizing plate having the high adhesive strength and the excellent moisture resistance, heat resistance and dimensional stability is thus obtd. The protective film having a good protective effect is obtd. by using a cellulose acetate film while saponifying the surface thereof with an alkalis or polarizing the surface by a plasma treatment. PVA or the deriv. thereof to which the iodine and dichromatic dye are adsorbed and oriented is used for the polarizing film.

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